WINDSTER™

www.windsterhood.com

User's Manual

RA-7630SS
RA-7636SS
RA-7642SS
RA-7648SS

ISLAND SERIES

NOTE: PLEASE INSPECT HOOD IMMEDIATELY UPON RECEIVING. CLAIM OF DAMAGE AFTER 7 DAYS OF DELIVERY WILL BE DENIED.

This unit is designed for indoor residential use only. DO NOT USE OVER A WOOD GRILL OR MOUNT IN OUTDOOR ENVIRONMENT.

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Please read this operation manual thoroughly before using your range hood. Store it in a safe location for when you need to reference it in the future.

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2 SAFETY INFORMATION

SAFETY INFORMATION

⚠ TO REDUCE THE RISK OF A FIRE, ELECTRICAL SHOCK, AND/OR INJURY OBSERVE THE FOLLOWING:

- Unit is intended for indoor residential use only. If you should have questions, contact the manufacturer at the address or telephone number listed in the warranty.
- In case the unit should need to be cleaned or repaired, switch power off at service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
- Installation work and electrical wiring must be done by a qualified technician in accordance with all applicable codes and standards, including fire-rated construction.
- Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
- Because the unit is made of stainless steel, it may contain sharp edges. Be careful to avoid cuts and abrasions by wearing protective gloves during installation and cleaning.
- Before you begin to cut or drill into the wall, verify that there is no electrical wiring or any other hidden electrical components.
- Ducted fans must always be vented to the outdoors.
- The unit must be properly grounded and installed at the recommended height before beginning operation.
- To reduce the risk of fire, use only metal ductwork.

⚠ CAUTION: FOR GENERAL VENTILATING USE ONLY. DO NOT USE TO EXHAUST HAZARDOUS OR EXPLOSIVE MATERIALS AND VAPOR

⚠ TO REDUCE THE RISK OF FIRE, OR ELECTRIC SHOCK, DO NOT USE THIS FAN WITH ANY SOLID-STATE SPEED CONTROL DEVICE.

- Regardless of heat level, never leave any surface materials unattended while operating an open flame.
- Always turn hood ON when cooking at high heat or when flambéing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercorn Beef Flambé).
- Depending on amount of usage, clean ventilating fans and filters frequently. Grease should not be allowed to accumulate on fan or filter. For instructions on the how to clean, see maintenance page.
- Never leave surface units unattended at high settings. Boil-overs may cause smoking and greasy spillovers may ignite as result. Heat oils slowly on low or medium settings.
- Use proper pan size. Always use cookware appropriate for the size of the surface element.

⚠ TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING:

- SMOTHER FLAMES with a close-fitting lid, cookie sheet, or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL 911.
- NEVER PICK UP A FLAMING PAN —Doing so may result in serious burns and possibly spread the fire.
- DO NOT USE WATER – Grease fire must be extinguished before further action may be taken. Using water will agitate the grease and may cause a violent steam explosion.
- Use a Fire Extinguisher ONLY if:
    - ❖ You know you have a Class ABC extinguisher, and you already know how to operate it.
    - ❖ The fire is small and contained in the area where it started.
    - ❖ The fire department is being called.
    - ❖ You are able to safely control the fire with your back to an open exit. * Based on “Kitchen Fire safety Tips” published by NFPA.

4 CONTENT CHECKLIST

CONTENT CHECKLIST

1. CONTENTS INCLUDED

a. (1) RA-76 series(30”, 36”, 42” or 48”)hood assembly
b. (1) Lower duct cover (15-3/4”)
c. (1) upper duct cover (17”)
d. (1) User’s manual
e. (1) 6” – 7” transition collar
f. (2) Baffle filters (30” models)
g. (3) Baffle filters (36” / 42” models)
h. (4) Baffle filters (48” models)
i. (1) Screw packet

2. CONTENTS NOT INCLUDED

a. RA-76ExtDC (Up to 11’ ceiling)
b. RA-76DK (Ductless kit)
c. RA-76CF (Charcoal filter)
d. RA-76CFMR (CFM reducer)
e. 6” / 7” Aluminum or metal piping

3. TOOLS REQUIRED (NOT INCLUDED)

a. Safety gloves
b. Safety glasses
c. Electric drill w/ starter bit
d. Utility knife
e. Spirit level
f. Measuring tape
g. Writing instrument (pen, marker, pencil)
h. Aluminum tape

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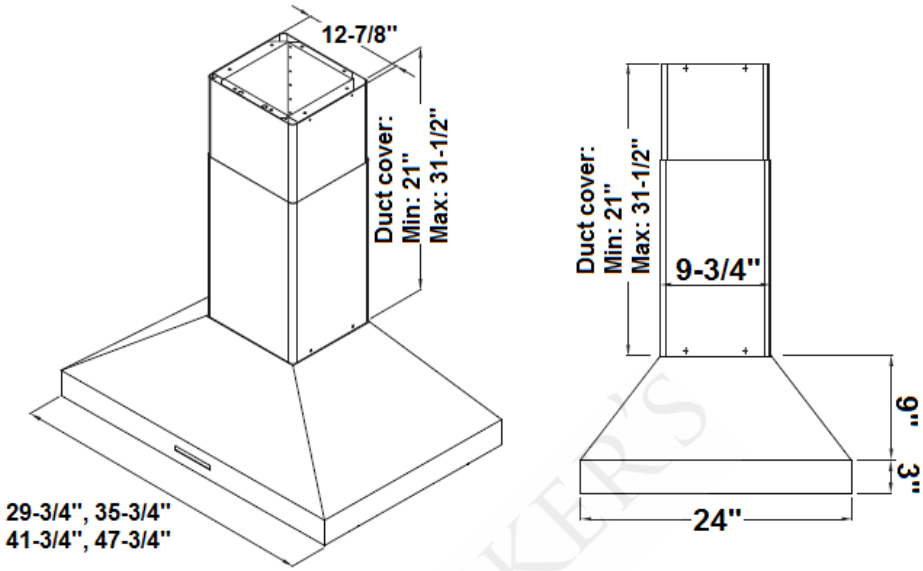
Fig. 1a


12-7/8"
Duct cover:
Min: 21"
Max: 31-1/2"
29-3/4", 35-3/4"
41-3/4", 47-3/4"
Duct cover:
Min: 21"
Max: 31-1/2"
9-3/4"
9"
3"
24"

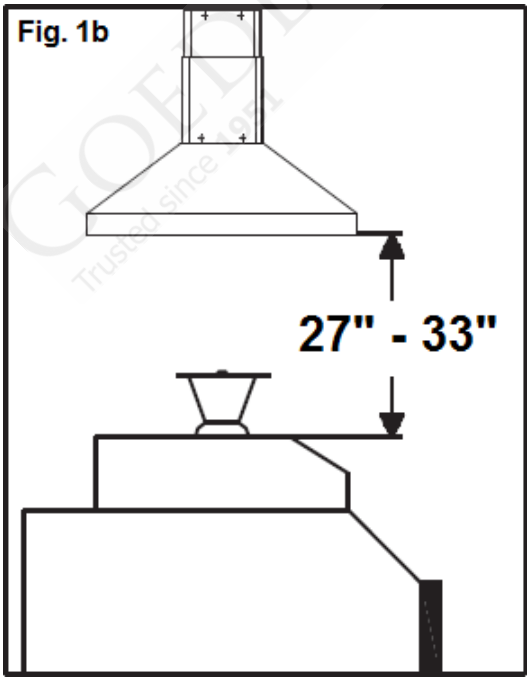


Fig. 1b
27" - 33"

6 PREPARATION

PREPARATION

1. BEFORE YOU START

****BE SURE YOUR UNIT WILL FIT YOUR CEILING HEIGHT****

****DO NOT INSTALL IF DAMAGED****

****RETURN OR EXCHANGE WILL BE DENIED IF INSTALLED****

a. Be sure you have all the content of your purchase and required tools for this installation.
b. Installation may take at least 2 to 3 hours from start to finish.
c. Plan to use as few elbows or turns as possible for more efficient air flow.
d. Collar size may need to be increased if utilizing a long duct run.
e. Turns must be made after passing ceiling.
f. Do not try to install this unit by yourself, SERIOUS INJURY MAY OCCUR.
g. At least two people are needed for installation.
h. Hiring a certified installer and electrician is recommended.

2. LOCATION

****THIS MODEL MAY NOT FIT ALL CEILING HEIGHTS****

a. Determine the exact location you where want to install the range hood.
b. Distance between cooktop and range hood should be between 27”-33”.
c. Range hood should be mounted at stated measurements to ensure performance and lifespan of electrical components.
d. Correctly measure the dimension needed to install the unit.

3. HOOD

a. Inspect for any sign of defect or damage. (ie. scratches, dents, loose seams, etc.)
b. Power up the unit to make sure it is working properly.

Use Fig. 1a and 1bon page 5 for measurements

INSTALLATION

1. STANDARD INSTALLATION

a. Make sure all preparation steps are completed.

b. Determine your ceiling height to see if you need an extension.

   i. Hood unit height = **12”**

   ii. Standard DC height = **15-3/4”** (lower) + **17”** (upper)

   iii. Minimumheight (Standard duct cover only) = **20”**

   iv. Maximum height (Standard duct cover only) = **32”**

   v. (OPTIONAL) RA-76ExtDC Minimum height = **31-1/2”**

   vi. (OPTIONAL) RA-76ExtDC Maximum height = **54-1/2”**

   vii. **Standard Installation = Hood + standard DC**

   viii. **Long Installation = Hood + RA-76ExtDC**

c. Determine the location you want to install the range hood. **(Fig. 2a)**

d. Prepare ceiling and locate wood support.

e. Use stencil to guide the support frame installation.

f. Mount the unit upper support frameto the ceiling.

g. Cut a 6” or 7” round opening at the ceiling for ducting pipe.

h. Attach upper duct cover to the upper support frame using 4 screws.

i. Insert lower support frame to the upper support frame.

j. Adjust the lower support frame to your desired height. **(Fig. 2b)**

k. Use a spirit level to ensure the balance of the support frame is true.

l. Slide lower duct cover into the support frames and secure with screws.

m. Install ducting through the ceiling.

n. Secure hood from the bottom by using the (8) screws provided. **(Fig. 2c)**

o. Connect piping to the outlet of the hood.

p. Installation is complete when hood is securely in place. **(Fig. 2d)**

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8 INSTALLATION

2. EXTENSION INSTALLATION (OPTIONAL)

a. **AFTER COMPLETING STEP A– E OF STANDARD INSTALLATION**, replace the standard support frame and duct cover with either the extension set or the short duct cover set.

b. **REPEAT "STEP H – P" from STANDARD INSTALLATION.**

3. COLD WEATHER INSTALLATION (OPTIONAL)

a. Check with your local building codes to see if a CFM reducer is an acceptable alternative to make-up air.

b. Remove the RA-76CFMR (CFM Reducer) and inspect for any sign of defect or damage. (ie. Cracks, broken flips)

c. **AFTER COMPLETING Step A – L of STANDARD INSTALLATION**

d. Place the CFM reducer onto the outlet of the unit and seal the connection point with aluminum tape. (Be sure it is secure with no opening or gaps)

e. Connect piping to the outlet of the hood.

f. Installation is complete when hood is securely in place.

4. DUCTLESS INSTALLATION (OPTIONAL)

a. **AFTER COMPLETING Step A – F of STANDARD INSTALLATION**

b. Remove the RA-76DK (ductless kit) and inspect for any sign of defect or damage. (ie. dents, broken inlet)

c. Attach the ductless kit to the support frame and secure with screws.

d. Install the upper duct cover and secure it to the support frame.

e. Slide the lower duct cover up to the upper duct cover and hold in place.

f. Connect a 6" or 7" pipe between the ductless kit and the hood outlet.

g. **REPEAT "STEP J – N" from STANDARD INSTALLATION.**

Installation diagram available on next page

INSTALLATION DIAGRAM

Fig. 2a

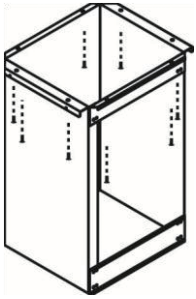


Fig. 2b

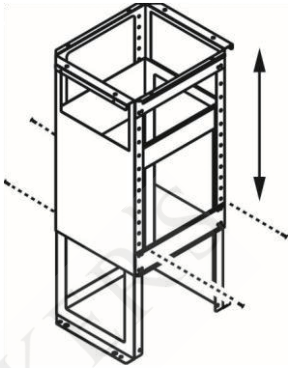
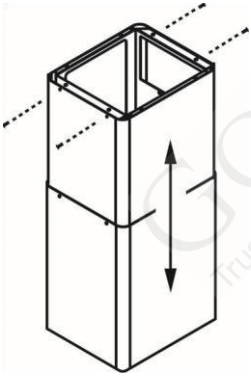


Fig. 2c



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10 OPERATION & FEATURES

OPERATION & FEATURES

1. EASY ACCESS CONTROL SWITCH (from left to right)

a. Button 1 – ON / OFF
b. Button 2 – Low Speed
c. Button 3 –Medium Speed
d. Button 4 – High Speed
e. Button 5 –Light
f. Button 6 – Delay Shutoff

2. BAFFLE FILTERS

a. (2) Baffle filters (30” models)
b. (3) Baffle filters (36” / 42” models)
c. (4) Baffle filters (48” models)

3. CHARCOAL FILTERS

****DO NOT WASH CHARCOAL FILTERS! IT WILL DISSOLVE!!****

a. Insert the charcoal filters on each side of the motor on top of the white protective grill as shown below. **(Fig. 3a)**

Fig. 3a

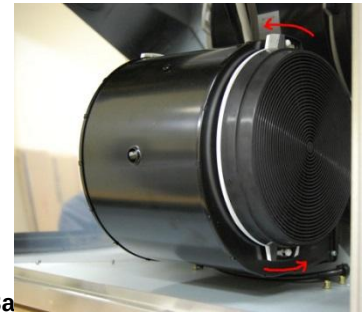

Fig. 3b

b. Rotate the charcoal filters in a counter-clockwise motion until you hear a click. **(Fig. 3b)**
c. Installation is complete after the charcoal filters are secured in place.

CLEANING & MAINTENANCE

WARNING!!!

⚠ **To prevent the possibility of a fire and explosion, do not use flammable liquids or solvents to clean the unit or any of its parts.**

⚠ **Check to make sure all power sources are disconnected before servicing or taking unit apart for cleaning.**

⚠ **Please thoroughly clean the unit weekly as stainless steel can rust under certain condition or by improper cleaning.**

1. RANGE HOOD

a. Use household cleaner to remove grease or dirt from the outer shell of the unit. Spray on wiping cloth or sponge and wipe in the direction of the grain to avoid scratching the unit. (DO NOT SPRAY DIRECTLY ONTO UNIT)
b. Clean the inner working of the unit periodically to avoid grease build-up.
c. Do not open control switch panel while the hood is connected to power.
d. Use stainless steel cleaner to bring back the luster of the unit.

2. BAFFLE FILTERS

a. Remove filters from unit and place in warm soapy water.
b. Clean each filter regularly to maintain efficient suction power.
c. Do not drop filters.
d. Let it soak thoroughly and then clean it with a wiping cloth or sponge.
e. Filters may also be cleaned using residential dishwasher.

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12 TROUBLESHOOTING

TROUBLESHOOTING

WARNING!!!

⚠Check to make sure all power sources are disconnected before starting any troubleshooting. Safety gloves and glasses should be worn when working on the unit. Serious injury or death may occur if safety precautions are not followed.

RA-76 Series	
Light issue (All not turning on)	1. Locate and replace defective LED fixture. 2. Complete Control Board replacement may be required
Single LED fixture defective (All not turning on)	2. Replace defective LED fixture with new LED fixture.
Loud Noise coming from motor housing	1. Confirm articles have not fallen near motor area or in Motor Housing. 2. Ensure fans are strongly secure.
Touch Panel Control Switch not working correctly	1. Complete control switch replacement is required. 2. Control Board Replacement may be required
Burnt/melted control switch	1. Complete control switch replacement is required.
Speed levels not working correctly	1. Complete control switch replacement is required. 2. Control Board replacement may be required.
Unit lacking smoke intake	1. Check ducting for foreign objects. 2. Ensure ducting is properly sealed. 3. Maintain Filter clean to increase airflow.
Unit showing no power indication	1. Make sure the power source is working properly. 2. Ensure all wiring is connected properly.
Unit making humming noise / motor not Starting	1. Replace defective capacitor with new one. 2. Check / replace defective motor.

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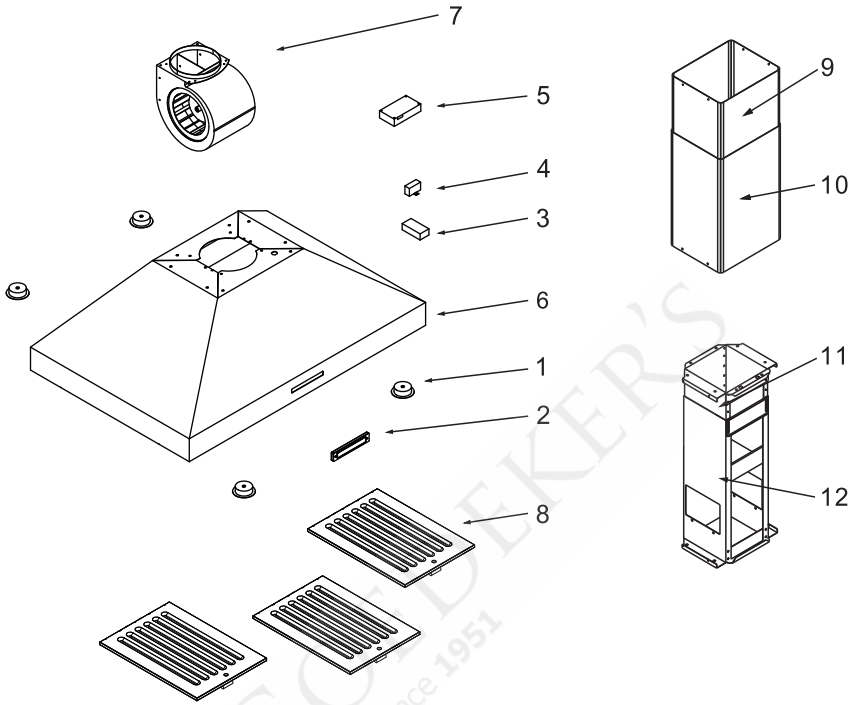
PART LIST / REPLACEMENT



#	Description	#	Description
1	LED light	9	Inner chimney duct cover
2	Control switch	10	Outer chimney duct cover
3	LED driver	11	Inner telescopic stack
4	Capacitor	12	Outer telescopic stack
5	Control board		
6	Hood body assembly		
7	Squirrel cage motor		
8	Baffle filter		

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14 WARRANTY / CONTACT US

WARRANTY / CONTACT US

LIMITED WARRANTY

Windster Hoods Inc. warrants its product against defects in material or workmanship as follows:

Labor: For a period of one (1) year from the date of purchase, if the product is determined to be defective, Windster will attempt to repair the product, at its option, at no charge. After the warranty period, customer must pay for all labor charges. During the "labor" warranty period there will be no charge for any work done on the purchased model. (All labor repairs are limited only to the installation of electrical components.)

Parts: In addition, Windster will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of two (2) years. After the warranty period, you must pay for all parts costs. During the "parts" warranty period, there will be no charge for parts

You must provide the serial number of your unit for any replacement parts during the warranty period. This warranty applies to products purchased and serviced in the United Statesonly.

For products purchased in Canada, please contact your local retailer where you purchased the unit for service.

* Windster Hoods, Inc. will attempt to repair malfunctioning units prior to shipping a replacement. In the case that a unit cannot be repaired and must be replaced, Windster Hoods, Inc. will not be held liable for removal/installation fees of the malfunctioning/ replacement unit.

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WHAT IS NOT COVERED BY MANUFACTURE WARRANTY

1. Damages resulting from any of the following:
    a. Improper installation or maintenance
    b. Any repair, modification, alteration or adjustment not authorized by the manufacturer or an authorized service dealer
    c. Misuse and/or accidents
    d. Incorrect electric current, voltage or power supply
    e. Improper setting of any control (Pressing multiple selections at the same time)
    f. Improper chemical cleaning (commercial or industrial cleaning agents)

2. Products purchased for use in a commercial or industrial setting (such as in a hotel, office, restaurant, or other business)
3. Damage resulting from natural disasters (earthquake, flood, storm, etc.)
4. Aluminum Filters, Baffle Filters, Charcoal Filters, and Oil Cup Filters
5. Light Bulbs

CONTACT US

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